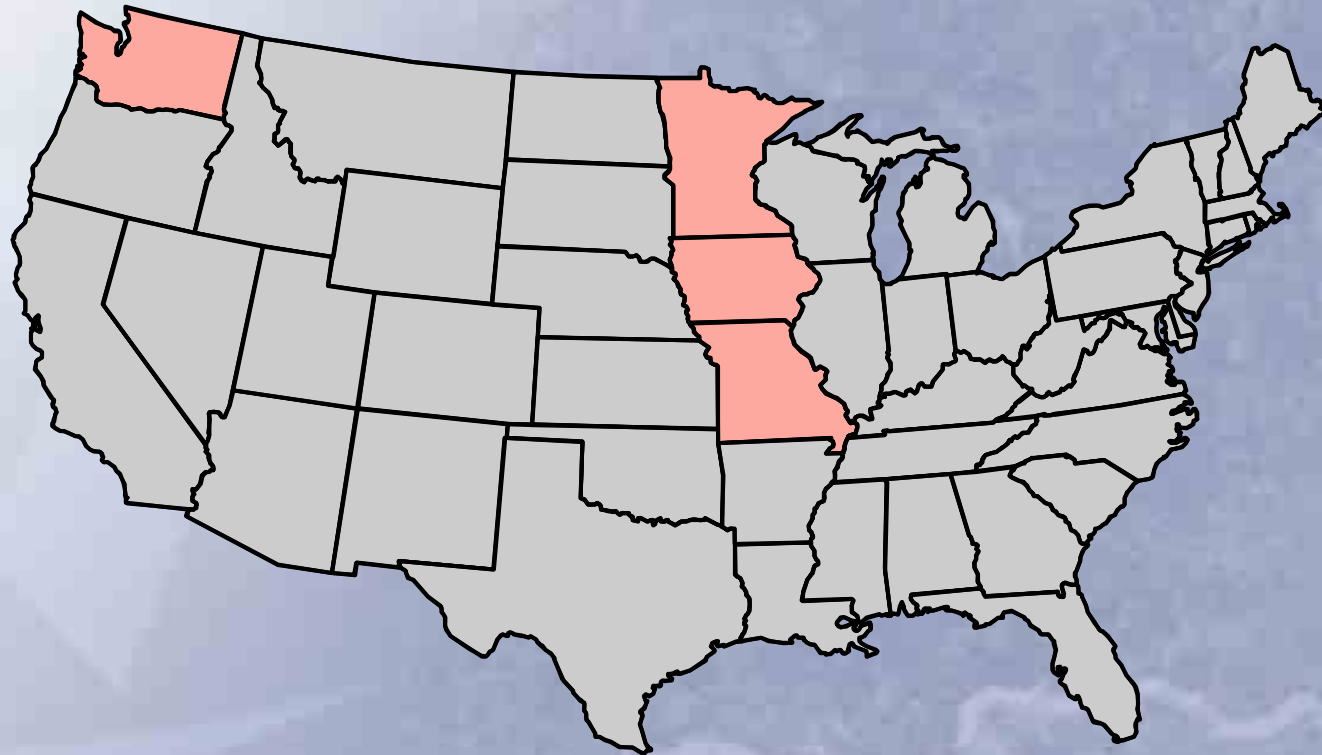


# The CARS Pooled Fund: Delivering Benefits to Member States Through Collaborative Deployments

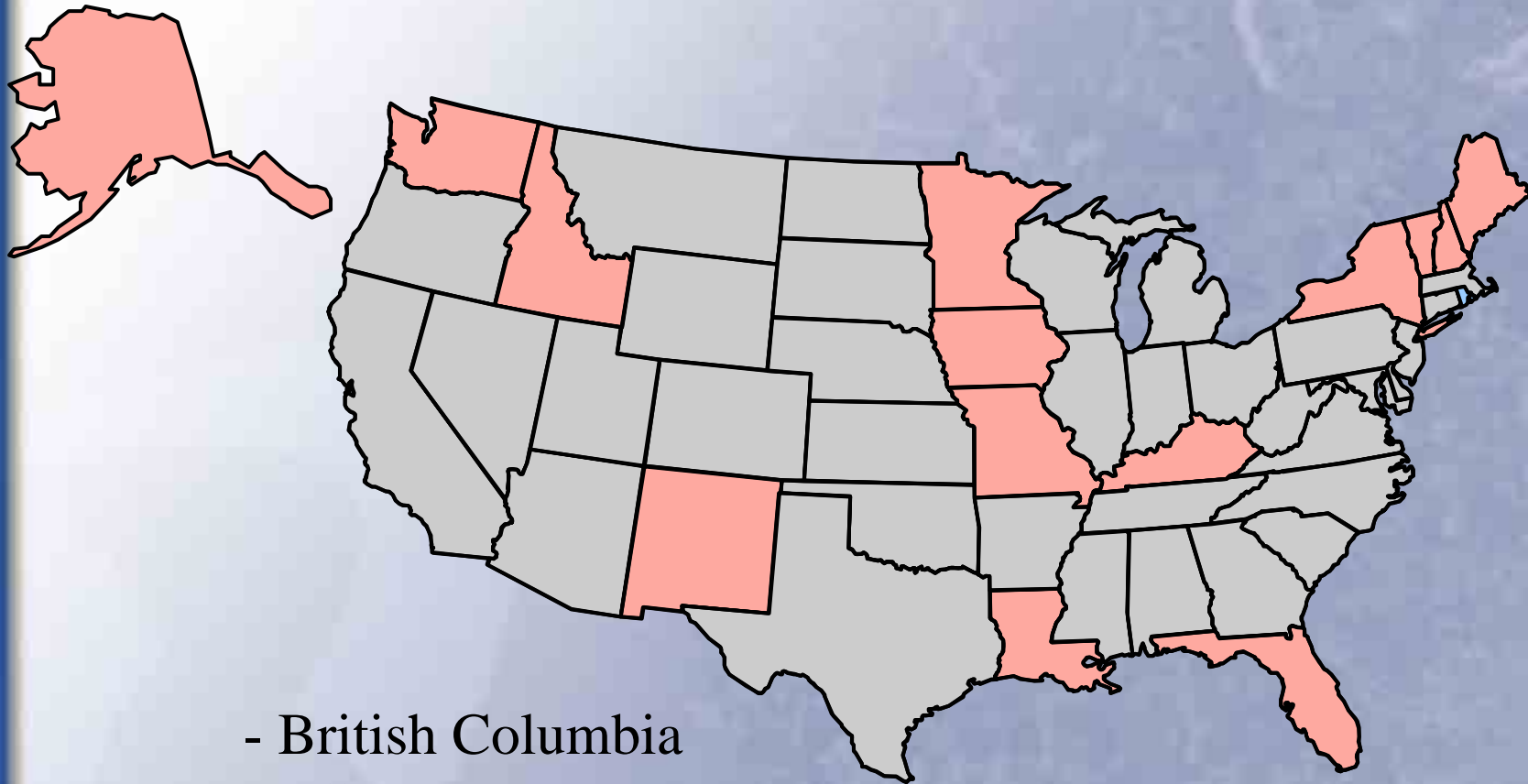
John Whited  
Iowa DOT

# Condition Acquisition and Reporting System (CARS)

- Initially 4 States pooled resources



# CARS States Today



- British Columbia
- Alberta

# Benefits

- Cost Savings
  - Shared Research, Development, Operations
  - Shared Platform Capacity
  - No Member State has to “Go it alone”

# Benefits

- Experiences of Others
  - Pool of thousands of Users of the system able to give feedback and direction on changes
    - DOT maintenance
    - DOT construction
    - DOT traffic operations
    - Law Enforcement
    - Emergency medical dispatch

# Benefits

- Experiences of Others
  - It's more than just sharing costs, it's sharing experiences with other agencies

# Benefits to Travelers

- 24/7 Operations of Phone, Web, HAR
  - Kentucky received 125,000 calls in one day on December 23<sup>rd</sup>
  - Iowa handled 17,852 calls in one hour
  - Iowa handled 574 simultaneous calls
  - The benefits of shared Capacity



## Specific Example – Strength in numbers

- GM Onstar now sends confirmed accidents directly to CARS states' systems
  - Automated data feed
  - Location, vehicle description
  - Crash information (if available): delta velocity, direction of force, resting position
  - Emergency responders view it within the CARS system



uation Map

View Settings

From archive: 7:30:00 AM 05/21/2004

Back

He

### Legend

- Accident
- Road Closure
- Congestion
- Construction
- Danger
- Delay
- Hazard
- Event
- Ferry
- Info
- Lane Closed
- Weather Report
- Weather Warning
- Parking
- Visibility
- Warning
- Wind
- Range of Incident



Lat=46.4420; Lon=-93.3695; Scale=10623

### Pan/Zoom Controls



In  
Out

### Area Controls

Region

Default

Back

### Mouse Action

Left is Zoom

Right is Create Situation

uation Map

View Settings

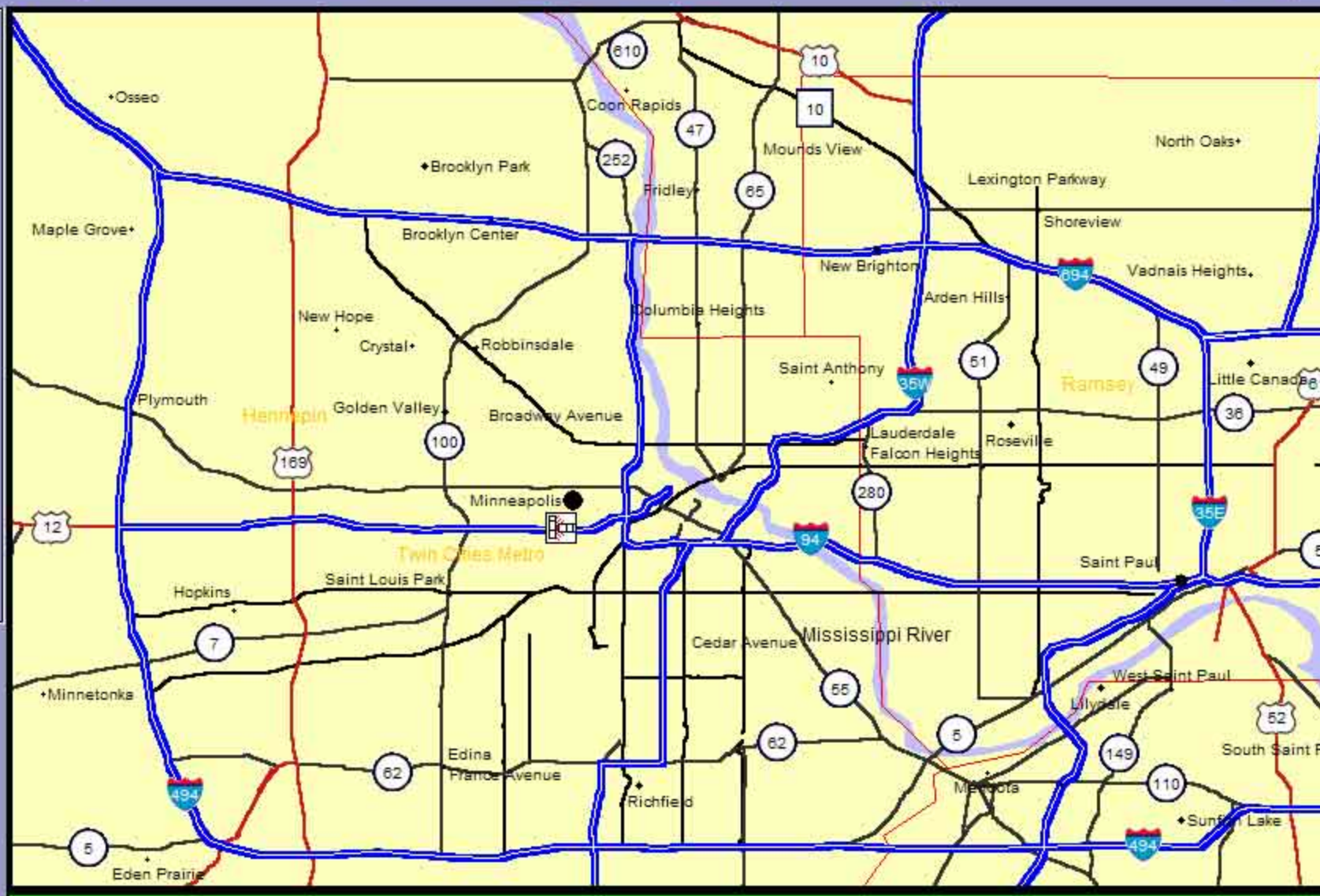
From archive: 7:30:00 AM 05/21/2004

Back

He

# Legend

- Accident
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Lat=44.9973; Lon=-93.2686; Scale=537

## Pan/Zoom Controls



In  
Out

## Area Controls

Region Default Back

## Mouse Action

Left is Zoom  
Right is Create Situation

Situation Map

View Settings

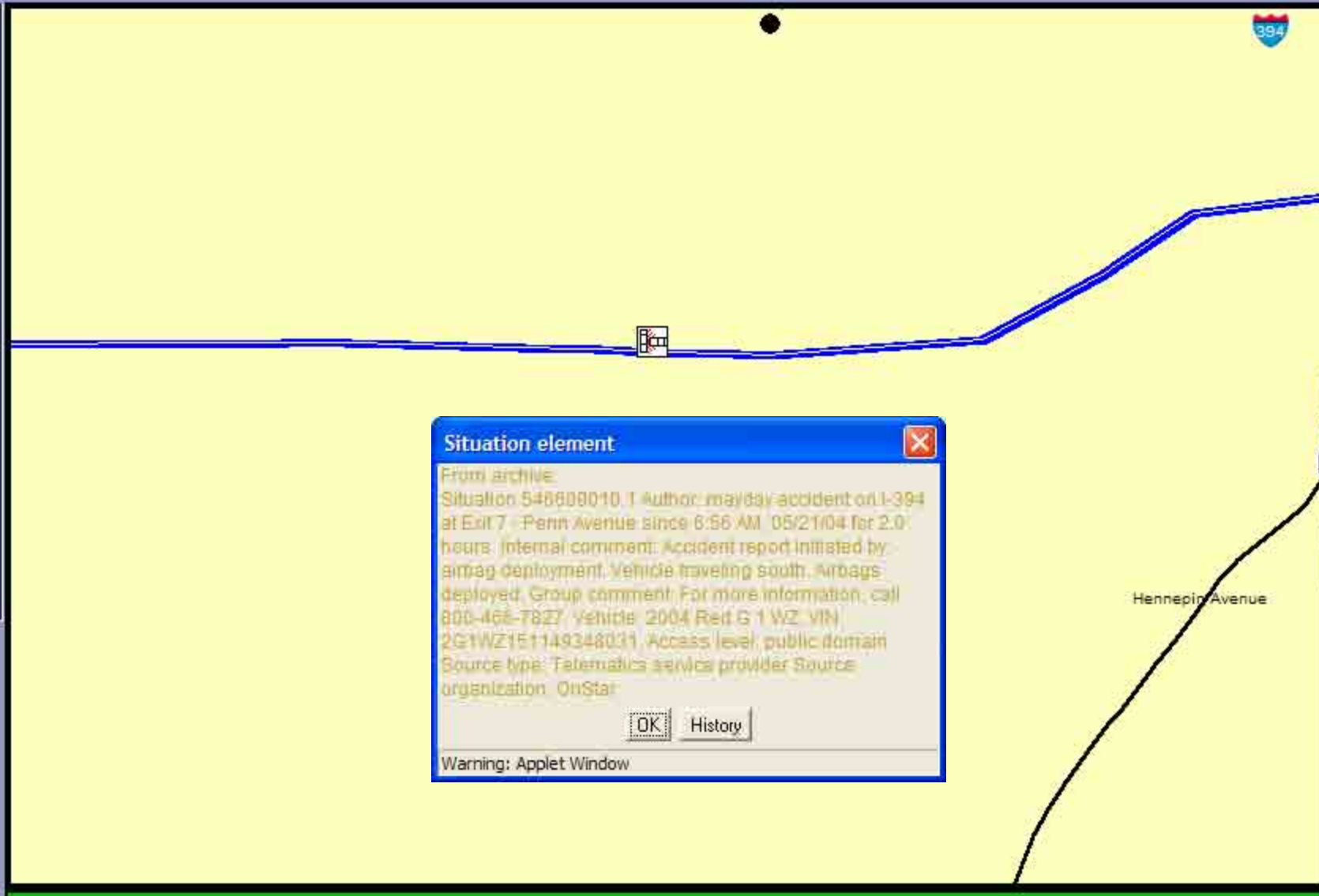
From archive: 7:30:00 AM 05/21/2004

Back

He

### Legend

-  Accident
-  Road Closure
-  Congestion
-  Construction
-  Danger
-  Delay
-  Hazard
-  Event
-  Ferry
-  Info
-  Lane Closed
-  Weather Report
-  Weather Warning
-  Parking
-  Visibility
-  Warning
-  Wind
-  Range of Incident



### Situation element

From archive:

Situation 546608010.1 Author: mayday-accident on I-394 at Exit 7 - Penn Avenue since 6:56 AM 05/21/04 for 2.0 hours. Internal comment: Accident report initiated by airbag deployment. Vehicle traveling south. Airbags deployed. Group comment: For more information, call 800-468-7827. Vehicle: 2004 Red G 1 WZ VIN: 2G1WZ151149348031. Access level: public domain. Source type: Telematics service provider. Source organization: OnStar.

OK

History

Warning: Applet Window

Lat=44.9669; Lon=-93.3083; Scale=50

### Pan/Zoom Controls



In  
Out

### Area Controls

Region

Default

Back

### Mouse Action

Left is Zoom

Right is Create Situation